CLAIM AMENDMENTS

Please amend the Claims as follows:

Claim 1 (Cancelled)

Claim 2 (Original) An anastomotic device comprising means for placing an inside edge surface of an incision in a first vessel in abutting contact with an inside edge surface of an incision in a second vessel so the vessels heal together at the inside edge surfaces of the vessels, and a hemostatic medium, a stiffening framework having essentially no material memory, means for attaching said stiffening framework to said body, and means for attaching said body to vessels, said means for attaching said body to vessels including pins.

Claims 3 to 10 (Cancelled)

Claim 11 (Original) The anastomotic device defined in Claim 2 wherein said first and second vessels are in side-to-side contact with each other.

Claims 12 to 16 (Cancelled)

Claim 17 (Original) The anastomotic device defined in Claim 2 wherein said first and second vessels are in end-to-side contact with each other.

Claim 18 (Cancelled)

Claim 19 (Original) The anastomotic device defined in Claim 2 further including a blood flow passage defining means in one of said vessels for maintaining blood flow while the inside edge of the one vessel is being placed in abutting contact with the inside edge of the second vessel.

Claims 20 to 31 (Cancelled)

Claim 32 (Original) The device defined in Claim 2 wherein said means for attaching said hemostatic medium to vessels includes means for moving the vessels towards each other.

Claim 33 (Original) The device defined in Claim 32 wherein said means for moving the vessels toward each other includes a malleable bridge.

Claims 34 to 39 (Cancelled)

Claim 40 (Original) The anastomotic device defined in Claim 2 wherein each of said first and second mounting structures includes a flexible body, and means for attaching said body to a vessel.

Claims 41 and 42 (Cancelled)

Claim 43 (Original) A method of performing an anastomosis comprising:

A) defining an incision in a first vessel;

B) defining an incision in a second vessel;

C) positioning a mounting structure on the first vessel adjacent to the incision in the first vessel so that the inner edge of the first vessel adjacent to the incision therein is spaced from an inner edge of the mounting structure;

D) fastening the mounting structure to the first vessel;

E) positioning the second vessel adjacent to the mounting structure so that an inner edge of the second vessel adjacent to the incision therein is spaced from an inner edge of the mounting structure;

F) fastening the mounting structure to the second vessel; and

G) shaping the fastened mounting structure to define a desired flow area between the first and second vessels.

Claim 44 (Original) The method defined in Claim 43 further including positioning the inner edges of the vessels in abutting contact with each other prior to said shaping step.

Claim 45 to 51 (Cancelled)

Claim 52 (Original) An anastomotic device comprising:

A) a hemostatic medium;

B) a stent located on the outside of one vessel which is to be joined to another vessel; and

C) means for bringing vessel walls of said one vessel into intimate approximation with other vessel walls of said another vessel.

Claim 53 (Original) The anastomotic device defined in Claim 40 wherein said means for attaching said body to a vessel includes retention means.

Claims 54 to 60 (Cancelled)

Claim 61 (Original) The anastomotic device defined in Claim 53 further including means for placing said retention means in said vessel.

Claim 62 (Currently Amended) The anastomotic device defined in Claim ~~62~~ 61 wherein said means for placing said retention means includes an anvil.

Claim 63 (Original) The anastomotic device defined in Claim 62 wherein said anvil includes a curved surface for turning said stapes.

Claim 64 (Original) The anastomotic device defined in Claim 2 wherein said means in each mounting structure for maintaining the mounting structure in a selected shape includes a sinuous stiffening element.

Claim 65 (Original) The anastomotic device defined in Claim 2 wherein each mounting structure is mounted adjacent to an incision in the vessel associated therewith and said flow area is larger than the area of one of said vessels whereby said one vessel is enlarged when said mounting structures are fastened together.

Claim 66 (Original) The anastomotic device defined in Claim 2 further including a blood flow passage defining means in one of said vessels for maintaining blood flow while said mounting structures are being mounted to said vessels and fastened to each other.

Claim 67 to 70 (Cancelled)